

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.**

Application Serial Number: 10/519,843  
Source: JFWO  
Date Processed by STIC: 04/10/2006

***ENTERED***

IFWO

**RAW SEQUENCE LISTING**

PATENT APPLICATION: US/10/519,843

DATE: 04/10/2006

TIME: 08:51:08

Input Set : A:\14149-11.ST25.txt

Output Set: N:\CRF4\04102006\J519843.raw

3 <110> APPLICANT: Michaud, Dominique  
 4       Rivard, Daniel  
 5       Anguenot, Raphael  
 6       Trepanier, Sonia  
 7       Vezina, Louis-Philippe  
 8       Brunelle, France  
 10 <120> TITLE OF INVENTION: Method for enhancing yield of recombinant protein production  
 from  
 11      plants  
 13 <130> FILE REFERENCE: 14149-11US  
 15 <140> CURRENT APPLICATION NUMBER: US 10/519,843  
 C--> 16 <141> CURRENT FILING DATE: 2005-01-13  
 18 <150> PRIOR APPLICATION NUMBER: US 60/398,779  
 19 <151> PRIOR FILING DATE: 2002-07-29  
 21 <160> NUMBER OF SEQ ID NOS: 4  
 23 <170> SOFTWARE: PatentIn version 3.3  
 25 <210> SEQ ID NO: 1  
 26 <211> LENGTH: 4  
 27 <212> TYPE: PRT  
 28 <213> ORGANISM: Artificial  
 30 <220> FEATURE:  
 31 <223> OTHER INFORMATION: Endoplasmic reticulum targetting carboxy-terminal signal  
 33 <400> SEQUENCE: 1  
 35 Lys Asp Glu Leu  
 36 1  
 39 <210> SEQ ID NO: 2  
 40 <211> LENGTH: 4  
 41 <212> TYPE: PRT  
 42 <213> ORGANISM: Artificial  
 44 <220> FEATURE:  
 45 <223> OTHER INFORMATION: Fluorometric protease substrate  
 48 <220> FEATURE:  
 49 <221> NAME/KEY: CARBOHYD  
 50 <222> LOCATION: (1)..(1)  
 51 <223> OTHER INFORMATION: Succinyl  
 53 <220> FEATURE:  
 54 <221> NAME/KEY: MOD\_RES  
 55 <222> LOCATION: (4)..(4)  
 56 <223> OTHER INFORMATION: AMIDATION  
 58 <400> SEQUENCE: 2  
 60 Ala Ala Pro Phe  
 61 1  
 64 <210> SEQ ID NO: 3  
 65 <211> LENGTH: 11

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66 <212> TYPE: PRT  
67 <213> ORGANISM: Artificial  
69 <220> FEATURE:  
70 <223> OTHER INFORMATION: Cathepsin D-specific substrate  
73 <220> FEATURE:  
74 <221> NAME/KEY: MOD\_RES  
75 <222> LOCATION: (1)..(1)  
76 <223> OTHER INFORMATION: AMIDATION  
78 <220> FEATURE:  
79 <221> NAME/KEY: MOD\_RES  
80 <222> LOCATION: (1)..(1)  
81 <223> OTHER INFORMATION: ACETYLATION  
83 <220> FEATURE:  
84 <221> NAME/KEY: VARIANT  
85 <222> LOCATION: (10)..(10)  
86 <223> OTHER INFORMATION: 2,4-Dinitrophenyl  
88 <220> FEATURE:  
89 <221> NAME/KEY: VARIANT  
90 <222> LOCATION: (11)..(11)  
91 <223> OTHER INFORMATION: D-Arginine  
93 <400> SEQUENCE: 3  
95 Gly Lys Pro Ile Leu Phe Phe Arg Leu Lys Arg  
96 1 5 10  
99 <210> SEQ ID NO: 4  
100 <211> LENGTH: 4  
101 <212> TYPE: PRT  
102 <213> ORGANISM: Artificial  
104 <220> FEATURE:  
105 <223> OTHER INFORMATION: Fluorimetric protease substrate  
108 <220> FEATURE:  
109 <221> NAME/KEY: CARBOHYD  
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112 <220> FEATURE:  
113 <221> NAME/KEY: MOD\_RES  
114 <222> LOCATION: (4)..(4)  
115 <223> OTHER INFORMATION: AMIDATION  
117 <400> SEQUENCE: 4  
119 Leu Leu Val Tyr  
120 1

RAW SEQUENCE LISTING ERROR SUMMARY                    DATE: 04/10/2006  
PATENT APPLICATION: US/10/519,843                    TIME: 08:51:09

Input Set : A:\14149-11.ST25.txt  
Output Set: N:\CRF4\04102006\J519843.raw

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,  
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4

**VERIFICATION SUMMARY**

PATENT APPLICATION: US/10/519,843

DATE: 04/10/2006

TIME: 08:51:09

Input Set : A:\14149-11.ST25.txt

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L:16 M:271 C: Current Filing Date differs, Replaced Current Filing Date